

Anchorage Amateur Radio Club

General Membership Meeting November 5

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 John Murray NL7WW
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AARC web page & Email contact addresses:

<http://kl7aa.akconnect.com>

president to windsman@alaska.net

webmaster to kl7aa@lawson.akconnect.com

membership to frederickson@iname.com

activities to kl0cy@arrl.net

News Letter Submissions, Information or corrections:

Submissions must be received 2 weeks before meeting

Email: KL0CY@arrl.net Facsimile: 907-338-4791

Mail: 7013 Trafford Ave. Anchorage 99504

KL7G CODE PRACTICE SCHEDULE

Schedule: 7:00am, 10:00am, 4:00pm, 7:00pm, 10:00pm
 AK time, every day Frequencies: 3575 kHz, 7075 kHz &
 145.35 MHz: Sending Speeds: 22 wpm, 15 wpm, 7 wpm

Nets in Alaska:

The following nets are active in South-central Alaska:

Alaska Sniper's Net 3.920 MHz 6:00 PM daily

Alaska Bush Net 7.093 MHz 8:00 PM daily

Alaska Motley Net 3.933 MHz 9:00 PM daily

Alaska Pacific Emergency Preparedness Net 14.292 MHz

8:00 AM M-F

QCWA net 146.97/.37 repeater Sundays 8:00 PM local

850 No Name Net 146.85/.25 repeater Sundays 8:00 PM

Son of Sideband Net 144.20 USB Mondays 9:00 PM local

Big City Simplex Net 146.520 FM Tuesdays 8:00 PM local

ARES net 147.30/.90 MHz Thursdays at 8:00 PM local

PARKA net 147.30/.90 MHz Thursdays at 9:00 PM local

Anchorage & Mat Valley Area Repeaters

KL7AA systems at Flattop Mt., 2,200 ft

146.34/94 MHz, 80 watts, autopatch, 100/141.3 Hz PL

223.34/224.94, 25 watts, no patch, no PL

444.70/449.70, 25 watts, autopatch, 100/141.3 PL

KL7ION at Mt. Gordon Lyon 4,700 ft

147.30/90 MHz - 80 watts, no patch, no PL

KL7AA, Mt. Alyeska, 2,400 ft.

146.16/76 MHz, 25 watts, no patch, 141.3 Hz PL

KL7CC, Anchorage Hillside, SCRC club

temporary down 146.97/.37 MHz, autopatch, 103.5 Hz PL

KL7DJE at Grubstake Peak, 4,500 ft.

147.09/.69 MHz, 25 watts, no patch, 100 Hz PL

444.925/449.925, 10 watts, no patch, 141.3 Hz PL

KL7JFU, KGB road, MARA club

146.85/.25, autopatch, no PL

KL7AIR Elmendorf, EARS

146.67/.27, 1072. Hz PL

KL7G West Anchorage & Events

449.65/444.65 MHz, patch, no PL

Anchorage & Mat Valley Simplex Frequencies

146.52 Mhz Calling and Emergency frequency

147.57 / 447.57 (crossband linked) HF spotters & chat

146.49 Mhz Anchorage area simplex chat

146.41 Mhz Mat Valley simplex chat


~~~ **HOT LINKS** ~~~

Internet Web links, the favorites from our readers

AARC <http://kl7aa.akconnect.com>

SCRC <http://www.servcom.com/worcester/scrc.htm>

EARS <http://www.qsl.net/kl7air>

MARA <http://www.obarr.net/mara/>

Moose HORN ARC <http://www.alaksa.net/~kl7fg>

ARES <http://www.qsl.net/alaskaares>

KL7J <http://www.alaska.net/~buchholz>

Fairbanks AARC:

<http://ffdlm1mac.uaafsom.alaska.edu/aarc/aarc.html>

Yukon Amateur Radio Association:

<http://www.klondike.com/yara/index.html>

HAARP Project:

<http://server5550.itd.nrl.navy.mil/projects/haarp/>

<<Amateur Radio Reference Library>>

<http://www.area-ham.org/library/libindex.html>

Hamradio: <http://www.hamrad.com/>

Solar Terrestrial Activity <http://209.130.27.95/solar/>

ARRL <http://www.arrl.org/>

Propagation Report Recording 566-1819

*please let us know if there are other club pages or good starting points that should appear here*

**ABACUS RADIO REPAIR**

Factory authorized service for: Kenwood, ICOM, Yaesu, Alinco, Amateur radio equipment.

Call Jim Wiley, KL7CC (907) 338-0662

**NEWSLETTER ARTICLES;** All articles from members and interested persons are very welcome. If you wish to submit any articles, jokes, cartoons, please have it typed or neatly handwritten. It can be submitted by computer disk, fax, or E-mail to the newsletter editor at the address listed on the cover. Submissions must be in the hands of the editor at least two weeks prior to the meeting.

**Regular HAM Gatherings:**

\* **Tuesdays, 11:30 AM to 1:00 PM:** Join the gang for lunch and an eyeball QSO at the Royal Fork, Penland Park, East.

**Saturdays, 7:30 AM:** Here is a great way to get started on the week-end come and meet with some of the locals and have a great breakfast at Phillips Restaurant, at the corner of Arctic and International. Great Fun.

**This Month's Speaker**

David Stevens KL7EB will talk about installing things on towers and climbing practice. He will have practical how to's and examples of some how not to's. This is an expanded version of the session that he presented at the Hamfest.

**THIS MONTH'S EVENTS**

**November 2: EARS general meeting at 7:00 PM** 1st Tuesday of the month, in the basement of Denali Hall (building 31-270) on Elmendorf AFB.. Talk in on 147.27 simplex.

**November 3: VE License Exam 6:30 PM,** 1<sup>st</sup> Wednesday of the month, Carr-Gottstein Building, APU Campus. Bring photo ID, copy of license (if any) and any certificates of completion.

**November 5: AARC general meeting at 7:00 PM** 1<sup>st</sup> Friday of the month in the Carr-Gottstein Building, on the APU Campus. Talk in will be on 147.300.

**November 12: SCRC general meeting at 7:00 PM** the 2<sup>nd</sup> Friday of the month in room 220, Business Ed. Bldg., UAA campus. Talk in on 147.57 simplex.

**November 13: ARES Planning Committee 09:30 AM to 12:00 PM.** 2<sup>nd</sup> Saturday of the month. Will be held at the Alyeska Main Building on Bragaw north of Northern Lights.

**November 13: VE License Exams at 2:00 PM.** 2<sup>nd</sup> Saturday of the month at Hope Cottage 540 W. International in the Board Room. Be sure to bring photo ID, copy of license (if any) and any certificates of completion.

**November 9: AARC Board meeting at 7:00 PM** 2<sup>nd</sup> Tuesday of the month at **oniface Bingo**

**November 20: PARKA Meeting at 11:00 AM.** 3<sup>rd</sup> Saturday of the month at Peggy's, across from Merrill Field

**November 26: MARA meeting at 7PM** the last Friday of the month at the MTA office in Palmer.

**Moving Sale, Good HAM Gear**

Roy Gould, KL4T at 7121 E 34th Ave, Anchorage, AK 99504 telephone (907) 333-5649 or E-Mail [roy.gould@att.net](mailto:roy.gould@att.net) is moving to the Pioneer Home and is selling most of his equipment. Al already has a station set up there at the Pioneer Home:

GAP Titan DX vertical antenna purchased Sept 7, 1999 and installed on the roof: \$250

Ameritron AL-1500 Amplifier 1.5 KW Plus. Sell \$1,300.00 Purchased used from AES 8/31/99 and never installed transformer or 8877 tube which are in sealed boxes, also have extra 8877 tube I have had for several years it might still be good, it goes with it.

Kenwood Used FM TM-2570A Two Meter Transceiver 70 watts out. \$125.00



One Kenwood FM TM-2507A Two Meter Transceiver 70 Watts Mint. Used.

One rebuilt by Aztec Eng. Prop pitch Rotor and assembly with .ning box at over \$1200.00 never assembled. Make offer.

Wanted Two 3-400Z tubes. Will buy or trade two good 3-500Z tubes.

Lots of tools, small parts, snatch blocks, tower wenchers, ECT. ECT. Must see. Selling all of my stuff.

New Cubex 5 band 4 El Quad Antenna. Never assembled. cost \$1,100.00 Plus Make offer.

World Map centered on Anchorage, must see or call for full details. Cost over \$1,200.00. Make offer.

MFJ 989C DLX 3KW PEP Roller Inductor Tuner . currently back at MFJ for in warranty repairs , Make offer.

Also selling most of my tools

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### Special Notice from Bruce McCormick, WL7YR

I have a source for decals for you car/motor home back windows. The first line is call sign, second is frequency and third is City and State (Example **W L 7 Y R 146.520 Anchorage, AK**). He can make them up in White, Red, & Reflective. He has a couple more colors but I forgot what they were. They come as a stencil with a back you peel off and discard. You place the stencil on a clean window and then peel off the transfer tape. He wants \$15.00 for decal but will give me a break if I can get 5 or more to order at one time. Please contact me by e mail. Bruce W McCormick, WL7YR, [mccorpp@gci.net](mailto:mccorpp@gci.net) 611 Lori Drive Anchorage, Alaska, 99504 or at 333-0340

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I am pleased to announce something new!!!!

We have been working on a new internet search engine specifically for Amateur Radio (and Business Radio). We have it operational now, but we need some help from you!!! We need to load up the search engine database with Internet sites. If have a personal or business site, PLEASE submit the information. If you know of a good radio internet site, Please enter it. <http://www.rfsearch.com/>

We just started and only have about 100 sites entered at this time. We expect to have 10s of thousands after we get done entering sites. We welcome your comments and any submissions you can make.

73 Bill, N6MQS ;)

### An Alaskan HAM Radio Store!

Warren "Ken" Weldon, previously KL0TO, now AL0R is about to open a shop specializing in amateur radio. He is calling it ALASKA HAM RADIO SUPPLY. It will officially open November 1<sup>st</sup>. It is located at 20950 Chickadee Lane in Chugiak. You can call 688-2563 or email [northpaw@gci.net](mailto:northpaw@gci.net). To get there, just take the South Peters Creek exit to the east and on the frontage road north to 1st right, Chickadee Lane. The hours will be announced, orders can be taken anytime.

There will be a full line of Arrow and Shoestring Antenna products, V.I.S. flash cards along with used ,consignment and more.

### Tidbits from the Editor KL0EO

Our heart felt condolences to the Stevens brothers at the passing of their mother Eva, 83. She was also a HAM, WL7AW and is survived by her husband George WL7AQ, and sons David KL7EB and Daniel KL7WM.

Our congratulations and admiration for John Orella, KL7LL on his marriage to Lauren. We understand that he waited 15 extra minutes for her at the alter, but it was worth it. They traveled 2800 miles together by car on their honeymoon across California, Nevada, Utah and Wyoming and are still happily married.

The Players Choice, a new Bingo Hall in Mountain View, has recently opened. It is funded and operated by the Alaska Zoo, Boys and Girls Club of Anchorage, Mountain View Lions and West High Alumni Association. They have drawn less than 10% of the regulars from Boniface Bingo (which AARC and several others operate). The proceeds of gaming at Boniface Bingo enable AARC to provide scholarships, provide prizes, fund events and operate the packet nodes and repeaters.

The application for the 2000 gaming permit has been received and is being prepared. After many anxious moments on the 1999 permit and much hard work, especially by John Lawson, NL7NC, this permit should go through fairly easily.

The Alaska ARRL Hamfest. Let me begin this by expressing my personal thank you to our very special guests: Augie Heibert, Gordon West, WB6NOA. Gordon made some special friends with the Regal Hotel Catering staff, (with some expressing interest in Ham Radio). We also appreciate the Northwest Regional Manager, Greg Milnes, W7OZ coming to the Hamfest. We also wish to express our very special thanks to this years organizers, Rick Marvin, KL7YF, Lil Marvin, NL7DL, John Bury, KL7QZ, Paul Spatzek, WL7BF, Susan Woods, NL7NN, and my own John Lynn, KL0CY as the MC at the Hamfest and at the Banquet. This is also the time that I would like to say thank you to the ARES group for the coffee, tea, and lemonade that they provided. Especially since the Parka group were not able to have a food booth this year. As I mentioned before I'm sure that I have forgotten to mention someone, if so please forgive this old lady for her bad memory.

I would also like to express my regrets in seeing Lil Marvin, NL7DL, step down from her office as President of the ARES group due to personal problems. We are surly going to miss you at the monthly meetings, you had great ideas and insight into the workings of local, state, and federal government along with the Ham community.

Again thank you to all of the Hams who helped to make the Alaska State Fair and Alaska ARRL Hamfest such a great success.

God bless, Edie Lynn, KL0EO



## RADIO LEGEND JEAN SHEPHERD, K2ORS, SK

Jean Shepherd, K2ORS--the man once described by media critic Marshall McLuhan as "the first radio novelist" and by others as "Mark Twain for the radio"--died October 16 in a hospital near his home in Sanibel Island, Florida. He was 78.

One of the original radio "talkers," Shepherd gained a loyal following of overnight listeners during his more than two-decade tenure at powerful WOR in New York during the 1950s, 60s and early 70s. Shepherd was first licensed as W9QWN in 1938. He served in the Army Signal Corps during World War II, then attended Indiana University before doing radio in Cincinnati and Philadelphia and finally New York.

On the air, "Shep" worked without a script or reliance on telephone callers spinning yarns--typically with a sardonic edge--often based on his boyhood years in Hammond, Indiana and his time in the Army and occasionally mentioning ham radio. Among the characters he created was alter ego Ralphie Parker, who appeared in his 1983 film classic "A Christmas Story," which he wrote and narrated.

The banquet speaker at the 1985 Dayton Hamvention, Shepherd also provided the introductory narration to the Morse code instruction tape included with the League's Tune in the World license manual. Several hams wrote ARRL Headquarters to say that Shepherd had provided inspiration for their early interest in Amateur Radio.

In addition to live appearances, Shepherd penned numerous articles and several books, including *In God We Trust, All Others Pay Cash* in 1966 and *Wanda Hickey's Night of Golden Memories* in 1971. His TV works for PBS include *Jean Shepherd's America* and *The Great American Fourth of July and Other Disasters*. In later life, Shepherd remained active on HF SSB and occasionally on 2-meter FM, sometimes operating from his boat in Florida. He also had an interest in classic automobiles. His third wife, Leigh, died last year. "He captivated a generation with his stories," said vintage radio buff John Dilks, K2TQN. "He is survived by Schwartz, Flick, Bruner and all of the other wonderful characters he created."

For detailed information on Jean Shepherd, visit <http://www.advanix.net/~isadur/shep.htm> or <http://www.spacelab.net/~bkeye/Shep.htm>

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## ISS HAM GEAR INCHES CLOSER TO SPACE ARRL Letter January 8, 1999

The first Amateur Radio gear to be used on the International Space Station has moved a bit closer to its rocket ride into space. Although the inauguration of Amateur Radio aboard the International Space Station--ARRISS--is at least a year away, the so-called Phase 1 ham gear is on a tight prove out and delivery schedule and is due at Kennedy Space Center in Florida by January 20.

Delays in the ISS program have put off the first crew deployment until next January. The first crew will consist of US astronaut William M. Shepherd, as the expedition commander. Shepherd is studying for his ham ticket. Accompanying him will be Russian cosmonauts Yuri Gidzenko and Sergei Krikalev, U5MIR. All three have previous space flight experience. The crew has been training for their launch on a Soyuz vehicle and a planned five-month mission on the ISS.

The interim ISS ham gear package will consist of Ericsson 2-meter and 70-cm hand-held transceivers set up for FM voice and packet operation, plus power supplies, cables, and accessories. Ericsson donated the commercial transceivers for the project, while the Italian ARISS team is providing the external antennas.

At this point, the equipment and accessories have been checked out in an end-to-end integration. Additionally, the transceivers have undergone EMI testing to ensure that they will not cause problems for other ISS onboard equipment. The radios also still must be programmed and labeled in accordance with NASA procedures and protocols for space flight. AMSAT members who happen to work for NASA at Goddard Space Flight Center have been doing the EMI testing.

Preparing to carry Amateur Radio gear for use aboard the ISS involves careful attention to detail all along the way. Crew safety is the primary consideration, but cost and crew time--and aggravation--also are important. "Because of the high cost of space travel, it's critical that hardware be thoroughly tested and documented," said Will Marchant, KC6ROL, AMSAT's human spaceflight hardware manager. "Flight crews frustrated by buggy hardware are also less likely to want to participate in Amateur Radio operations."

The qualification process also requires multiple versions of the same equipment. In this case, six complete hardware systems will be fabricated and configured. The complement includes one flight system, a flight spare, systems for training both in the US and in Russia, one for development and testing, and one spare.

ARRL Educational Services Manager Rosalie White, WA1STO, a member of the Space Amateur Radio EXperiment (SAREX) Working Group, said she was pleased that NASA was taking no chances during the qualification testing of the ham gear. "I think it's great that they're taking the time to do a detailed examination," she said.

Getting Amateur Radio a permanent berth in space aboard the ISS has involved efforts in several countries. The primary players include the US, Russia, the UK, France, Germany, Italy, Canada, and Japan. "The ARISS team is truly an international, democratic, organization and is cooperating to provide human spaceflight Amateur Radio operations to the entire ham community well into the next decade," said Marchant.



Amateur Radio has been manifested aboard the ISS as "necessary crew equipment." The cost of providing just the interim Phase 1 amateur gear for use aboard the ISS expected to exceed \$60,000. The total cost of putting Amateur Radio aboard the ISS is expected to approach \$700,000, with funds coming from the ARRL and AMSAT as well as from NASA. Still unclear at this point are the actual frequencies and the call signs the crew will use from the ISS. The ultimate ISS ham radio complement--Phase 3--will include equipment to operate from HF through the microwave bands with SSB, CW, FM, packet, ATV, compressed ATV, and SSTV capabilities. The German team will supply a digitalker and full duplex repeater. Once aboard the ISS, Amateur Radio will serve as an educational tool through worldwide school contacts and as an outreach to the general public.

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### **FIELD SERVICES, EDUCATIONAL ACTIVITIES JOIN FORCES**

**ARRL Letter January 8, 1999**

The sound of moving furniture, books, and equipment punctuated the holiday season at League headquarters as two ARRL departments prepared to merge into one entity. Effective January 4, the Field Services and Educational Activities departments consolidated to become Field and Educational Services (F&ES).

ARRL Executive Vice President David Sumner, K1ZZ, explained that the new department brings together staff members with similar missions and functions--primarily supporting ARRL volunteers who, in turn, support ARRL objectives and promote ham radio on a local and regional level. Working within a single department, Sumner said, HQ staffers could more easily share expertise, ideas, and resources. The move also was designed to reduce expenses in the face of a decline in both ARRL membership and overall Amateur Radio licensing and activity over the past year or so.

"The primary reason is efficiency," Field Services Manager Rick Palm, K1CE, explained in a letter to ARRL section managers. Palm will continue as the main contact person for section managers. He will focus on representing the League to the outside agencies it serves and on promoting and supporting the field organization.

Former Educational Activities Department Manager Rosalie White, WA1STO, has assumed the title of Educational Services Manager. She will oversee day-to-day operation of the combined department and will continue as the primary staff contact for Amateur Radio in space issues. "We expect the greater efficiency of the combined departments to benefit our members by putting related resources in the same place," White said of the move.

To accommodate the change, employees from the former Educational Activities Department moved into quarters adjacent to the former Field Services Department, trading places with the ARRL Book Team headed by Joel Kleinman, N1BKE. Now that the two departments are in the same location, staff members have begun to settle in and work as a team. Telephone and e-mail addresses for individual staff members remain the same.

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### **HAM BALLONIST TO SIT OUT ADVENTURE HE PLANNED**

**ARRL Letter January 8, 1999**

Bob Martin, KC5LHL, of Albuquerque, New Mexico, will sit out an around-the-world balloon attempt that he was instrumental in planning. Martin, a TV science reporter and helicopter pilot, said this week that he will stay behind when the Team ReMax balloon leaves Earth. The team had planned to make some use of Amateur Radio during its effort to circle the planet.

Unlike previous attempts, the Team ReMax balloon will travel near the outer edges of the earth's atmosphere at an altitude of approximately 24 miles. Martin told reporters that he originally felt the team could fly the mission safely with three people aboard. However, it was later determined that the balloon will need to carry additional ballast aboard to safely reach its cruising altitude, so one of the three crew members had to remain behind. Martin, who has worked on the project for more than a decade, elected to be the one.

The launch from Australia has been delayed by weather and technical problems. Still planning to make the attempt are Denver real estate developer Dave Liniger and Australian co-pilot John Wallington. The team has until approximately January 20 to take advantage of the right wind patterns. The voyagers will ride in a pressurized capsule suspended beneath the huge balloon. The crew is equipped with spacesuits from Russia. The trip is expected to take up to three weeks.

For more information on the flight, see <http://www.remax.com>.

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### **HAM HELPS NAB ROAD-RAGE SUSPECT**

**ARRL Letter January 8, 1999**

A California ham was instrumental in helping police to nab an angry motorist who had seriously injured another motorist after being cut off on the freeway in mid-December.

According to an account in The Orange County Register, the angry driver followed the other driver for miles "before confronting him on a busy city street, shoving



him under an accelerating big rig, and kicking him even after he had been run over." The account says that the angry driver and his two co-workers drove off. But they were caught later in the morning when Ed Greany, KB6DOL, of Corona, heard a broadcast description of the vehicle and then saw the men pass by. He notified police via ham radio, and they arrested Richard Snyder, 28 and two others on suspicion of attempted murder.

The newspaper said Snyder had a string of previous convictions, and his license had been suspended. The injured motorist was reported in serious condition. According to the FCC database, the Greany household includes three hams: Roberta Greany, KC6AEP, and Michael Greany, KE6RDT. All are ARRL members.-- thanks to Charlie Clifford Jr, W6QMY

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### **ARRL to Celebrate 85th Anniversary on the air ARRL Bulletin May 11, 1999**

The ARRL celebrates its 85th anniversary May 18, 1999. To mark the event, Maxim Memorial Station W1AW will operate as special event station W1AW/85 during the week of May 17-23. Some W1AW/85 operation will include PSK31. The American Radio Relay League was founded in 1914 by Hiram Percy Maxim, later 1AW, and Clarence Tuska, later 1AY.

It was Maxim's desire to send an inquiry about a hard-to-get receiving tube--A DeForest Audion--from Hartford, Connecticut, to Springfield, Massachusetts, that served as the catalyst for the League's birth in 1914. After conditions prevented him from working Springfield directly, he arranged with a station between the two cities to relay his message. Initially working with Tuska through the Radio Club of Hartford--which had voted to take over development of a national "relay" organization--Maxim's vision for the League became reality in May of that year. Initial dues were free. By late summer, more than 200 "relay stations" had been appointed across the US, although the first edition of QST--16 pages in all--did not appear until December 1915.

"Our celebration of the League's 85th anniversary would please our founders in two ways," said ARRL Executive Vice President David Sumner, K1ZZ. "First, we are celebrating with on-the-air activity--the organization, promotion, and protection of which was why they went to the trouble of creating the League in the first place. Second, just as they did in the exciting early years, we are looking forward by emphasizing new methods of radio communication." ARRL President Rod Stafford, W6ROD, encouraged participation from all segments of the Amateur Radio community. "We hope everyone, member and nonmember alike, will join in celebrating the League's first 85 years and the beginning of the next 85," he said.

Volunteer staff members will handle on-the-air duties at W1AW/85, which will take place before and after regular daily W1AW transmissions. Plans call for W1AW/85 to operate 160-10 meters plus 6 and 2 meters and 70 cm, 25 kHz inside subbands on CW, plus SSB, RTTY, PSK31, SSTV, satellite, Novice bands, etc. Additionally, W1AW/85 will transmit bulletins using PSK31 as a secondary digital mode (time permitting) for the last digital bulletin of each day that week.

A special QSL will be available.

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### **ARMED FORCES DAY AMATEUR COMMUNICATIONS TESTS ARRL Letter May 14, 1999**

The Department of Defense Armed Forces and US Coast Guard will cosponsor the 50th annual Amateur Radio communications tests in celebration of Armed Forces Day, Saturday, May 15. The celebration features the traditional military-to-amateur crossband communications test and message receiving test. This is one of the only exceptions to the FCC's prohibition on contacting nonamateur stations.

Military-to-amateur cross band operations will take place from 1300 UTC May 15 until 1300 UTC May 16, 1999. All modes will be included. Some stations may not operate the entire period, depending on propagation and manning. Participating military stations will transmit on selected military frequencies--many of them adjacent to amateur bands--and listen for Amateur Radio stations in the nearest amateur band. Military operators will announce the specific amateur band frequency being monitored. Contact may last no longer than three minutes. Military stations will send QSL cards for contacts. Special commemorative certificates will be awarded to anyone who receives and accurately copies the Armed Forces Day digital message from the Secretary of Defense.

Digital modes message broadcast will be May 16 (RTTY, 100 wpm, narrow shift) and May 17 (PACTOR and AMTOR). A 10-minute call for tuning purposes will precede each broadcast. Transcripts of the RTTY, PACTOR, or AMTOR receiving test should be submitted "as received." No attempt should be made to correct possible transmission errors. On the paper containing the test message, include the time, frequency and call sign of the military station copied, including name, call sign, and address (including ZIP code) of individual submitting the entry. Ensure this information is placed.

Details on Armed Forces Day are available in the May 1999 issue of QST, page 97. Disregard the information on AIR-2.



## DAYTON!

The first person to operate Amateur Radio from space--Owen Garriott, W5LFL, rocker Joe Walsh, WB6ACU, CC amateur enforcer Riley Hollingsworth, K4ZDH, and former NBC reporter and producer Roy Neal, K6DUE, will be among those heading for the Dayton Hamvention this weekend.

Former astronaut Garriott will be a guest of the SAREX Working Group. He'll speak at the AMSAT Forum on Saturday morning and the Youth Forum on Saturday afternoon, among others. In November 1983, Garriott was launched into space aboard the shuttle Columbia during the STS-9 mission. Thousands of hams heard W5LFL on 2 meters, and hundreds worked him.

Walsh and his band will entertain at the Hamvention 1999 banquet Saturday evening. The Richens/Timm Irish Dancers will open for Walsh, former lead guitarist for the Eagles and a member of The James Gang.

Hollingsworth, the FCC's top Amateur Radio enforcer, will put in appearances to address enforcement issues at FCC forums on Friday and Sunday. He'll also address the 3865 Drake and Antique Radio Tube Net Group forum Saturday morning.

Neal will be a special guest at the ARRL Media Relations Forum Saturday afternoon. This year's forum will consist of two-parts: "Ham Radio is Better than Ever"--a "reinvention" of ham radio and the message you're sending to the press, with an emphasis on reaching out to youth, and "Interactive hour" that gives participants a chance to share their PR programs and challenges with those on hand. Door prizes will be awarded.

Also Saturday afternoon, Amateur Radio Newsline will sponsor a "live-to-the-Internet" discussion of Amateur Radio in the year 2000 and beyond. Moderators are Bill Pasternak, WA6ITF, and Joe Schroeder, W9JUV. Speakers include ARRL First Vice President Steve Mendelsohn, W2ML, CQ VHF Editor Rich Moseson, W2VU, Gordon West, WB6NOA, Roy Neal, K6DUE, and others.

League President Rod Stafford, W6ROD, will be among those addressing the ARRL Forum Sunday morning. He'll be joined by ARRL Executive Vice President David Sumner, K1ZZ, and Great Lakes Director Dave Coons, WT8W.

Elsewhere, AMSAT-DL (Germany) President and Phase 3D Project Leader Karl Meinzer, DJ4ZC, will discuss the Phase 3D spacecraft status and launch prospects during the AMSAT forum at the Dayton Hamvention Saturday morning.

This year's Dayton Hamvention 1999 Amateur of the Year is Kenneth M. Miller, K6IR, cited for "leadership, vision and dedication exhibited during his nearly 60 years of continuous involvement in Amateur Radio." The Hamvention's Technical Excellence award goes to Alfonso R. Torres, KP4AQI, and the Special Achievement Award winner was Paul D. Lieb, KH6HME.

The awards will be presented at the Hamvention banquet. The QRP community will sponsor its annual Four Days in May activity at the Days Inn Dayton--South. It features an all-day technical seminar Thursday, May 13 and a display and building competition Saturday evening. Friday is vendor night.

A Dayton Hamvention special event station, W8BI, will be on the air--all bands--Friday through Sunday during business hours. QSL cards for certificates require a 9x12 sase to W8BI/8, PO Box 44, Dayton, OH 45401. Guest ops are welcome. The station will be in the flea market area. Alinco is sponsoring the station this year.

## SOME SWEEPSTAKES CW SCORES SUBJECT TO FURTHER ADJUSTMENT

The actual scores of ARRL November Sweepstakes CW entries from amateurs who used zero-land call signs will be lower than the figures set to appear in June's QST. While nearly all logs eventually are subject to some downward adjustment in score from the "raw" score submitted, this did not happen for entrants who used tenth-district call signs. ARRL Contest Manager Dan Henderson, N1ND, says the problem stemmed from a data-handling problem following electronic log checking.

"Last November's Sweepstakes entries were given the most careful scrutiny in many years, thanks in large part to the efforts of off-site volunteers," he said. The downward adjustment from the raw score is a result of computerized cross-checking, he explained. "Nobody's perfect," Henderson said. In this case, that apparently cuts both ways.

For the 1998 event, a problem was detected when transferring the checked-log database of phone entries into the main contest database. Because of a mismatch in the characters used for "zero" in two data bases--the one generated by our off-site volunteers and the one maintained here in Newington--entries from zero-land call signs were not corrected as they should have been. "In a contest as competitive as the CW SS--perhaps the closest thing to a horse race that we sponsor--this has the effect of overstating their positions relative to other entrants," Henderson said.

Unfortunately, the problem was not discovered until the June issue of QST already was at the printer's. Henderson said the problem "should have been detected and corrected here, but it wasn't--at least, not in time for the CW results." It was detected during the importing of data for the phone Sweepstakes database, however, so phone results were not affected.

The Contest Branch plans to publish the corrected CW Top 10 box and changes in any of the section winners from the 1998 November Sweepstakes in the July QST, along with complete results for the Sweepstakes phone weekend. A complete list of corrected line scores also will be posted on the Contest Branch Web site. In addition, all awards, plaques and certificates for section winners will be verified in advance, based on the



adjusted scores. "We regret this data management error," Henderson said, emphasizing that the error was "in no way related to the hard work done by the volunteer log checkers nor to the principal author of the Sweepstakes writeup." For more information, contact the ARRL Contest Branch, [contest@arrl.org](mailto:contest@arrl.org); 860-594-0232.

### **ARISS READIES HAM ANTENNAS FOR SPACE**

There's been recent forward progress in activities to establish a permanent Amateur Radio presence in space aboard the International Space Station. Training models--or "mockups"--have been prepared of the antennas that eventually will be deployed for Amateur Radio on the International Space Station, and pattern testing is under way on some antenna systems. Four flight antenna systems are being developed to support Amateur Radio operation from the ISS on 20, 15, 10, and 2 meters, plus 70 cm, L-band and S-band. "The ARISS international team has made tremendous progress on the design, development and flight qualification of an antenna system," ARISS Administrative Chairman Frank Bauer, KA3HDO, said this week.

The antenna system being developed for ISS includes a dualband VHF/UHF antenna, a multiband microwave antenna, and a diplexer mounted on a plate that attaches to an extra vehicular activity handrail clamping device. These four antenna systems will attach to four bulkhead Service Module feedthroughs, made available to the ARISS international team through the efforts of Sergej Sambourov, RV3DR. Russian space officials said this week that Russia will not pull out of its ISS commitments because of that country's opposition to the NATO campaign in Yugoslavia.

The VHF/UHF and HF antennas were developed by the ARISS team members in the US. They use a flexible measuring tape covered with yellow Kapton as the driven element. A large circular piece of Delrin provides a solid mounting interface and houses the connector and attachment hardware. The design is very robust and has no sharp edges. The microwave antenna system, developed by the Italian ARISS team, will support L-band and S-band operation. The microwave antenna design chosen by the ARISS team is a flat spiral antenna. This dual-use antenna--intended for ham operations as well as NASA/Energia use--also enables the ISS crew to transmit and receive local video during space walks. A diplexer, designed and developed by the Italian team, provides an efficient split in radio signals between the lower frequency (HF/VHF/UHF) antenna and the microwave antenna. The antennas, diplexer, EVA "clothespin-type" handrail clamp, and the various coaxial cable connections will be integrated in the US on an antenna system plate developed by the US team, Bauer said.

The four antenna systems being developed for flight will be installed around the perimeter of the Russian developed Service Module, which will serve as an

orbiting outpost for the ISS crew. A "high fidelity" EVA mockup developed by the AMSAT-NA/Goddard Amateur Radio Club team in Washington, DC, has been delivered to Matt Bordelon, KC5BTL, in Houston for evaluation by the NASA Johnson Space Center EVA engineers. The microwave antenna system is currently undergoing a series of antenna pattern measurements at the NASA Goddard Space Flight Center in Greenbelt, Maryland. Former US astronaut and AMSAT member Ron Parise, WA4SIR, is leading a team of hams from Goddard's Microwave Branch in the test activity. Once antenna testing is completed, the Italian team, led by Fabrizio Bernadini, IOQIT, will move ahead with the final flight antenna fabrication. All Amateur Radio initial station hardware is slated for launch on the STS-101 mission.

### **ARRL NAME CHANGE COULD BE ON PAPER ONLY**

In lieu of a legal name change, the ARRL Executive Committee will recommend to the Board of Directors to emphasize the abbreviation "ARRL" in conjunction with the tag line "The National Association for Amateur Radio." The action came at the Committee's meeting May 1 in Irving, Texas. The move, if accepted by the full Board, would not actually change the name of the organization, but the "ARRL" moniker and tag line would appear on all League correspondence and publications instead of the full name.

The EC also recommended putting off further discussion of a name change at least until the January 2000 board meeting. At that time, the Board is scheduled to receive a report from League Executive Vice President David Sumner on planning for Amateur Radio in 2010 and beyond.

At its January meeting, the Board tasked the Executive Committee to develop a name change proposal for consideration at the Board's July meeting. The recommendation to emphasize the "ARRL" abbreviation and new tag line followed a discussion of various alternatives. Hudson Division Director and EC member Frank Fallon, N2FF, stressed that the organization's name should make its purposes and objectives clear to outsiders.

In other Committee actions, the EC voted to reaffirm the League's position that the FCC continue to issue a paper license document to amateur licensees. The Committee also was advised that the League will not seek FCC reconsideration of its petition to expand the special events call sign program. The FCC turned down the request last month but invited the League to revisit the issue later.



# **The Bill of No Rights**

written by State Representative Mitchell Kaye from Georgia.

"We, the sensible people of the United States, in an attempt to help everyone get along, restore some semblance of justice, avoid any more riots, keep our nation safe, promote positive behavior, and secure the blessings of debt free liberty to ourselves and our great-great-great-grandchildren, hereby try one more time to ordain and establish some common sense guide-lines for the terminally whiny, guilt-ridden, delusional, and other liberal, bedwetters.

We hold these truths to be self-evident: that a whole lot of people are confused by the Bill of Rights and are so dim that they require a "Bill of No Rights."

## **ARTICLE I:**

You do not have the right to a new car, big screen TV or any other form of wealth. More power to you if you can legally acquire them, but no one is guaranteeing anything.

## **ARTICLE II:**

You do not have the right to never be offended. This country is based on freedom, and that means freedom for everyone - not just you! You may leave the room, turn the channel, express a different opinion, etc., but the world is full of idiots, and probably always will be.

## **ARTICLE III:**

You do not have the right to be free from harm. If you stick a screwdriver in your eye, learn to be more careful, do not expect the tool manufacturer to make you and all your relatives independently wealthy.

## **ARTICLE IV:**

You do not have the right to free food and housing. Americans are the most charitable people to be found, and will gladly help anyone in need, but we are quickly growing weary of subsidizing generation after generation of professional couch potatoes who achieve nothing more than the creation of another generation of professional couch potatoes.

## **ARTICLE V:**

You do not have the right to free health care. That would be nice, but from the looks of public housing, we're just not interested in public health care.

## **ARTICLE VI:**

You do not have the right to physically harm other people. If you kidnap, rape, intentionally maim, or kill someone, don't be surprised if the rest of us want to see you fry in the electric chair.

## **ARTICLE VII:**

You do not have the right to the possessions of others. If you rob, cheat or coerce away the goods or services of other citizens, don't be surprised if the rest of us get together and lock you away in a place where you still won't have the right to a big screen color TV or a life of leisure.

## **ARTICLE VIII:**

You don't have the right to demand that our children risk their lives in foreign wars to soothe your aching conscience. We hate oppressive governments and won't lift a finger to stop you from going to fight if you'd like. However, we do not enjoy parenting the entire world and do not want to spend so much of our time battling each and every little tyrant with a military uniform and a funny hat.

## **ARTICLE IX:**

You don't have the right to a job. All of us sure want all of you to have one, and will gladly help you along in hard times, but we expect you to take advantage of the opportunities of education and vocational training laid before you to make yourself useful.

## **ARTICLE X:**

You do not have the right to happiness. Being an American means that you have the right to pursue happiness - which by the way, is a lot easier if you are unencumbered by an overabundance of idiotic laws created by those of you who were confused by the Bill of Rights."



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# Troubleshooting Flow Chart

